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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/549,407	09/14/2005	Junbiao Zhang	PU030084	1695

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EXAMINER
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CHEN, SHIN HON

ART UNIT	PAPER NUMBER
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2131

MAIL DATE	DELIVERY MODE
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04/14/2008

PAPER

**Please find below and/or attached an Office communication concerning this application or proceeding.**

The time period for reply, if any, is set in the attached communication.

<b>Office Action Summary</b>	<b>Application No.</b> 10/549,407	<b>Applicant(s)</b> ZHANG ET AL.	
	<b>Examiner</b> SHIN-HON CHEN	<b>Art Unit</b> 2131	

**-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --**

**Period for Reply**

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

**Status**

- 1) ☐ Responsive to communication(s) filed on \_\_\_\_.
- 2a) ☒ This action is **FINAL**.                      2b) ☐ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

**Disposition of Claims**

- 4) ☒ Claim(s) 1-23 is/are pending in the application.  
     4a) Of the above claim(s) \_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 1-23 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_ are subject to restriction and/or election requirement.

**Application Papers**

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 14 September 2005 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.  
     Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
     Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

**Priority under 35 U.S.C. § 119**

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).  
     a) ☐ All    b) ☐ Some \*    c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

\* See the attached detailed Office action for a list of the certified copies not received.

**Attachment(s)**

- |  |   |
|--|---|
| 1) <input type="checkbox"/> Notice of References Cited (PTO-892)                       | 4) <input type="checkbox"/> Interview Summary (PTO-413)           |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948)   | Paper No(s)/Mail Date. ____.                                      |
| 3) <input checked="" type="checkbox"/> Information Disclosure Statement(s) (PTO/SB/08) | 5) <input type="checkbox"/> Notice of Informal Patent Application |
| Paper No(s)/Mail Date <u>1/22/08</u> .   | 6) <input type="checkbox"/> Other: ____.                          |

### **DETAILED ACTION**

1. Claims 1-23 have been examined.

#### ***Claim Rejections - 35 USC § 102***

2. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

3. Claims 1-23 are rejected under 35 U.S.C. 102(e) as being anticipated by Luo U.S. Pub. No. 20030169713 (hereinafter Luo).

4. As per claim 1 and 5, Luo discloses a method for enabling a client terminal to access a wireless network, comprising the steps of: receiving an access request from the client terminal (Luo: [0037]: access request); redirecting the access request to a local web server via a packet traffic filter for filtering packet traffic (Luo: [0035]: MAP redirect request of client to authentication server); requesting from the client terminal, information required to establish client terminal access to the wireless network (Luo: [0039]-[0040]; [0042]); activating, in response to the information received from the client terminal, a software module that reconfigures the client terminal for authentication using appropriate parameters associated with a configuration arrangement selected by a user (Luo: [0018]: refer to other accounts that the user has; [0045]: java applet); and authenticating the reconfigured client terminal and allowing access

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to the wireless network in response to the authentication (Luo: [0045]: grant access after applet is activated).

5. As per claim 2 and 6, Luo discloses the method of claims 1 and 5 respectively. Luo further discloses wherein the wireless network is an IEEE 802.11 compliant wireless local area network (WLAN), and the client terminal is an IEEE 802.1x compliant client terminal (Luo: [0035]: 802.11x).

6. As per claim 3, Luo discloses the method of claim 2. Luo further discloses wherein the activating step comprises activating an Active X control/plugin previously installed on the client terminal (Luo: [0018] and [0045]).

7. As per claim 4, Luo discloses the method of claim 2. Luo further discloses wherein the activating step comprises downloading to, and activating in, the client terminal an Active X control/plugin (Luo: [0045]: java applet).

8. As per claim 7, Luo discloses a method for configuring a client terminal to provide secure access in a wireless network, comprising the steps of: filtering traffic associated with an HTTP request from the client terminal for access to the wireless network at a packet traffic filter for filtering packet traffic (Luo: [0035]: MAP redirect request of client to authentication server), redirecting the request to a designated web server via said packet traffic filter for filtering packet traffic (Luo: [0038]: the WLAN set the mobile host to a limited state and redirect the request to

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web server), and issuing a request from the designated web server to the client terminal for information required to establish an authorized communication (Luo: [0018]).

9. As per claim 8, Luo discloses the method of claim 7. Luo further discloses wherein the wireless network is an IEEE 802.11 compliant wireless local area network and the client terminal is an IEEE 802.1x compliant client terminal (Luo: [0018]: 802.11x).

10. As per claim 9, Luo discloses the method of claim 8. Luo further discloses the step of the client terminal providing the web server information required to establish an authorized connection (Luo: [0043]: credential).

11. As per claim 10, Luo discloses the method of claim 8. Luo further discloses the step of receiving from the web server and communicating to the client terminal access rate information required to establish an authorized communication (Luo: [0018]: create new account; [0043]: provide information to server).

12. As per claim 11, Luo discloses the method of claim 8. Luo further discloses the step of receiving from the web server and communicating to the client terminal access user account creation information required to establish an authorized communication (Luo: [0018]: open new account).

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13. As per claim 12, Luo discloses the method of claim 8. Luo further discloses the step of receiving from the web server and communicating to the client terminal access authentication method selection information required to establish an authorized communication (Luo: [0044]: positive acknowledgement page).

14. As per claim 13, Luo discloses the method of claim 8. Luo further discloses the step of receiving from the web server and communicating to the client terminal new account creation information required to establish an authorized communication (Luo: [0018]: create new account).

15. As per claim 14, Luo discloses the method of claim 8. Luo further discloses the step of receiving from the web server and communicating to the client terminal access user terms and conditions of acceptance information required to establish an authorized communication (Luo: [0018]; [0043]: authentication page).

16. As per claim 15, Luo discloses the method of claim 8. Luo further discloses the step of receiving from the client terminal and communicating to the web server access rate information required to establish an authorized communication (Luo: [0018]).

17. As per claim 16, Luo discloses the method of claim 8. Luo further discloses the step of receiving from the client terminal and communicating to the web server user account creation data required to establish an authorized communication (Luo: [0018]: create new account).

18. As per claim 17, Luo discloses the method of claim 8. Luo further discloses the step of receiving from the client terminal and communicating to the web server user access authentication method selection information required to establish an authorized communication (Luo: [0042]: the authentication page support various user authentication methods).

19. As per claim 18, Luo discloses the method of claim 8. Luo further discloses the step of receiving from the client terminal and communicating to the web server acceptance of the user access terms and conditions required to establish an authorized communication (Luo: [0043]-[0044]).

20. As per claim 19, Luo discloses the method of claim 8. Luo further discloses whereby the browser program is an ActiveX control (Luo: [0045]: Java applet).

21. As per claim 20, Luo discloses the method of claim 8. Luo further discloses whereby the browser program is a plug-in (Luo: [0045]: Java applet).

22. As per claim 21, Luo discloses a mobile terminal, comprising: means for receiving an extended authentication protocol request identification message packet (Luo: [0018]: EAP protocols); means for forwarding an extended authentication protocol response identity message packet (Luo: [0018]: local EAP authentication); means for receiving an extended authentication protocol failure message packet (Luo: [0018]: EAP failure initiate web server authentication);

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means for forwarding a web re-direct request via a packet traffic filter for filtering packet traffic (Luo: [0035]: MAP redirect request of client to authentication server); means for receiving a provider list web page; means for selecting a provider and forwarding said selected provider information (Luo: [0018]: user can refer to authentication server for which the user has account); means for receiving an ActiveX control message to re-configure said mobile terminal (Luo: [0018]: receiving applet); and means for reconfiguring said mobile terminal and establishing authorized communications (Luo: [0018]: applet will be used to provide authentication for consequent communication).

23. As per claim 22 and 23, Luo discloses the method and access point of claims 1 and 5 respectively. Luo further discloses the method further comprising creating a plurality of operational states, said packet traffic filter receiving wireless local area network state information from said access point (Luo: [0022]-[0023]: plurality of operation states).

### ***Response to Arguments***

24. Applicant's arguments filed 1/22/08 have been fully considered but they are not persuasive.

Regarding applicant's remarks, applicant argues the prior art of record does not explicitly disclose "a packet traffic filter". According to the specification, the packet traffic filters aims to redirect the client terminal 140 n to the designated HTTP web server 120 (Specification: page 7 lines 15-16). Therefore, Luo teaches a mobile access point that redirects the request of the



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mobile host/client to the authentication server (Luo: [0035]) and Luo also discloses that the access point maintains operation states of mobile host/client (Luo: [0022]-[0023]).

### ***Conclusion***

25. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.

U.S. Pub. No. 20020176366 discloses system for achieving zero-configuration wireless computing.

Keeler et al. U.S. Pub. No. 20030233580 discloses authorization and authentication of user access to a distributed network communication system with roaming features.

26. Applicant's amendment necessitated the new ground(s) of rejection presented in this Office action. Accordingly, **THIS ACTION IS MADE FINAL**. See MPEP § 706.07(a). Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire THREE MONTHS from the mailing date of this action. In the event a first reply is filed within TWO MONTHS of the mailing date of this final action and the advisory action is not mailed until after the end of the THREE-MONTH shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the date of this final action.

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Any inquiry concerning this communication or earlier communications from the examiner should be directed to SHIN-HON CHEN whose telephone number is (571)272-3789.

The examiner can normally be reached on Monday through Friday 8:30am to 5:30pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Ayaz Sheikh can be reached on (571) 272-3795. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

Shin-Hon Chen  
Primary Examiner  
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